



STATE INTELLECTUAL
PROPERTY OFFICE
OF THE P.R.C.

ENGLISH

[Home](#)[About sipo](#)[News](#)[Law&Policy](#)[Special topics](#)**TITLE** Composite rubber floor

Application Number 93258645 Application Date 1993.04.13

Publication Number 2170342 Publication Date 1994.06.29

Priority Information

International Classification E04F15/10

Applicant(s) Name Wang Shengnian

Address

Inventor(s) Name Wang Shengnian

Patent Agency Code 32102 Patent Agent XU DONGTAO

QU WANGLAN

Abstract[Machine Translation](#)[Close](#)



China Patent Machine Translation (CPMT)

[Search](#) [Guide](#) [Contact Us](#)

CPMT Introduction: According to the rapid development of Chinese patent cause, Chinese patent documentation plays a more and more important role in the world's intellectual property field. China Patent Information Center, which is a large national patent information services, has made a breakthrough in machine translation of Chinese patent documents-the user-friendly, fast, stable online Chinese-English machine translation system, so that we can provide users automatic machine translation services through the Internet in the international patent documents exchange and cooperation. CPMT researched and developed by China Patent Information Center. If you need accurate human translation, please [Contact Us](#).

Application: 93236645

[First](#) [Prev](#) [Next](#) [Last](#)

Claim

1, combination rubber and plastic floor characterized in that the neighbouring both sides of plate have tongue-and-groove and path, and in addition neighbouring both sides have tenon and rail groove, and the bottom is fluted to be had a perfect understanding.

2, the combination rubber and plastic floor according to claim 1 characterized in that the flooring adopts rubber.

page 1 of 1 (1 items)

Copyright © 2008 China Patent Information Center. All Rights Reserved

English Translation of Chinese Patent for Utility Model CN2170342Y

Title of the utility model: Composite rubber floor

Abstract

The utility model discloses a composite rubber floor which has the advantages of simple installation, easy replacement, beautiful appearance and practicality and belongs to floor decorative materials. One of the two adjacent sides of a block is provided with a keyway and a path, and the other two adjacent sides of the block are provided with a tenon and a rail slot. The bottom of the block is provided with a groove to hole through. When the utility model is installed, the tenon is inserted into the keyway; the path is clamped into the keyway to lock the tenon to make two rubber floors connected tightly, and followed by analogy, the whole floor is connected into one piece.

Claims

1. A composite rubber floor, characterized in that, one of the two adjacent sides of a block is provided with a keyway and a path, and the other two adjacent sides of the block are provided with a tenon and a rail slot; the bottom of the block is provided with a groove to hole through.
2. A composite rubber floor according to claim 1, characterized in that, the floor is made of rubber.

Description

Composite rubber floor

The utility model pertains to indoor floor decorative materials and, in particular, it discloses a composite rubber floor.

The commonly used indoor floor decorative materials at present include carpet, wood floor with designs, plastic floor and marble. These materials all have advantages and disadvantages. The problems are as follows: the carpet must be prevented from getting wet and dirty since it is inconvenient to wash the carpet; the wood floor with designs and plastic floor do not have good wear resistance; the ceramic tile and the marble are stiff and free from absorbing sound, and thus are not suitable for bedroom decoration. Furthermore, the wood floor with designs, the plastic floor and the marble only can be used after special processing, and they can be used only one time. If a user moves to another house, the wood floor with designs, the plastic floor and the marble will be discarded.

To overcome these objections, the present utility model provides a composite rubber floor which has the advantages of simple installation, easy replacement, beautiful appearance and practicality and belongs to floor decorative materials. It makes the floor decoration easier and

more flexible as well as bringing about a new floor decoration material.

The technical solution of the present utility model is as follows:

A composite rubber floor, characterized in that, one of the two adjacent sides of a block is provided with a keyway and a path, and the other two adjacent sides of the block are provided with a tenon and a rail slot; the bottom of the block is provided with a groove to hole through.

The present utility model has the following advantages:

The composite rubber floor has simple installation, easy replacement, beautiful appearance and brings convenience for the arrangement and replacement of the central wire and other electrical appliances in the house. The composite rubber floor has a long service life and can be easily moved and cleaned since it is waterproof and moisture-proof. Furthermore, it is elastic, comfortable, non-skid and sound-absorbing.

Fig.1 is the section view of the cross-section of the present utility model.

Fig.2 is the top view of the present utility model.

Fig.3 is the bottom view of the present utility model.

The present utility model will be further described below with reference to the above drawings:

When installed, the tenon 3 of one rubber floor is inserted into the keyway 4 of another rubber floor, and the path 1 is clamped into the keyway 2 to lock the tenon 3 to make two rubber floors connected tightly, and followed by analogy, the whole floor is connected into one piece. The bottom of the block is provided with grooves 5 to hole through for arranging wires and resisting moisture.



[12] 实用新型专利说明书

[21] ZL 专利号 93236645.7

[45]授权公告日 1994年6月29日

[51]Int.Cl⁵

E04F 15/10

[22]申请日 93.4.13 [24]授权日 94.4.15

[73]专利权人 王胜年

地址 210008江苏省南京市天山路69号102
室

[72]设计人 王胜年

[21]申请号 93236645.7

[74]专利代理机构 江苏省专利服务中心

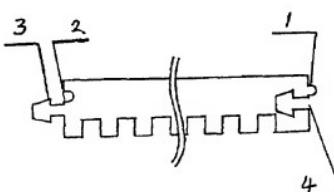
代理人 徐冬涛 褚网兰

说明书页数: 附图页数:

[54]实用新型名称 组合橡塑地板

[57]摘要

本实用新型设计了一种安装简便，更换容易，美观实用的地面装饰材料——组合橡塑地板，板块的邻近两边带有榫槽和轨线，另邻近两边带有榫头和轨槽，底部有凹槽贯通。安装时将榫头插入榫槽，将轨线卡入轨槽锁住榫头，使两块橡胶地板紧紧相贴，依次类推从而使整个地板连成一片。



权 利 要 求 书

- 1、一种组合橡塑地板。其特征是板块的邻近两边带有榫槽和轨线，另邻近两边带有榫头和轨槽，底部有凹槽贯通。
- 2、根据权利要求1所述的组合橡塑地板，其特征是地板材料采用橡胶。

说 明 书

组合橡塑地板

本实用新型属室内地面装饰材料，具体说是一种组合橡塑地板。

目前室内地面装饰材料主要有：地毯、木质拼花地板、塑料地板、瓷砖和大理石。这些装饰材料都各有所长。但也不同程度存在着如下问题，如地毯就不能弄湿和弄脏，否则清洗很不方便；木质拼花地板、塑料地板耐磨性差；瓷砖、大理石坚硬不吸音，不适于内房装饰。另外，木质拼花地板、瓷砖和大理石不能直接使用，必须经过专业施工才能使用，而且是一次性的，如遇搬迁只有放弃或报废。

本实用新型的目的则是针对上述存在的问题，设计了一种安装简便，更换容易，美观实用的地面装饰材料——组合橡塑地板。它减少了地面装饰的难度，使地面装饰更具灵活性，给地面装饰材料增加了一个新品种。

本实用新型技术解决方案：

一种组合橡塑地板，其特征是板块的邻近两边带有榫槽和轨线，另邻近两边带有榫头和轨槽，底部有凹槽贯通。

本实用新型的优点：

组合橡塑地板美观大方，安装简易，更换方便，利于室内中央电线、器材的埋设与挪位。使用寿命长，搬迁不受损失，干净

不怕脏、易清洗、有弹性、舒适。吸音、防跌、防滑、防潮，不怕水。

图 1 是本实用新型横断面剖视图。

图 2 是本实用新型俯视图。

图 3 是本实用新型仰视图。

下面结合附图对本实用新型作进一步描述：

安装地板时将一块橡胶地板榫头 3 插入另一块地板榫槽 4。将轨线 1 卡入轨槽 2 锁住榫头 3。使两块橡胶地板紧紧相连。依次类推使地板连成一片。底部有大小圆槽 5 贯通，可埋设电线及防潮。

说 明 书 附 图

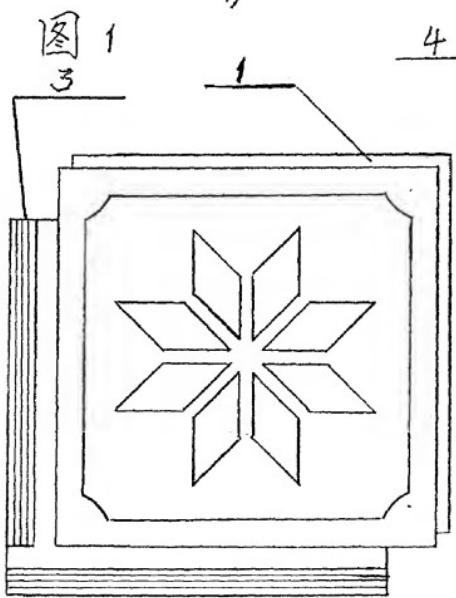
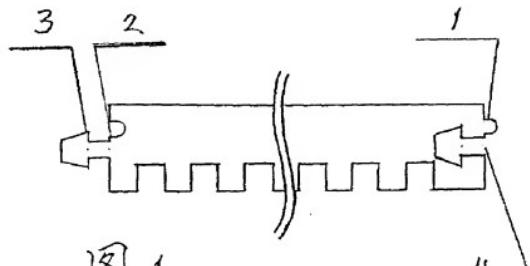


图 2

说 明 书 附 图

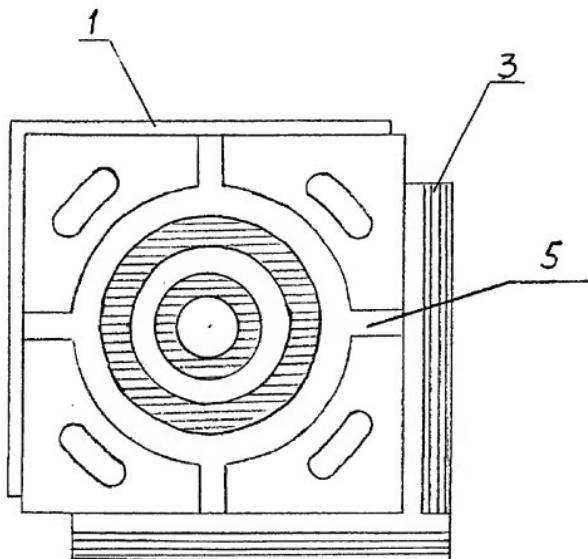


图 3